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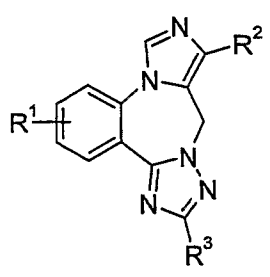
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WO 2006/045430 A1

(54) Title: IMIDAZO-BENZODIAZEPINE DERIVATIVES



(I)

(57) Abstract: The present invention is concerned with substituted imidazo [1,5-a] [1,2,4] triazolo [1,5d] [1,4]benzodiazepine derivatives of formula (I) wherein R^1 is hydrogen, halogen, lower alkyl, lower alkynyl, cycloalkyl, heterocycloalkyl, benzyl, cyano, lower alkoxy, OCF_3, -NHR, -NHC(O)R or $-NHSO_2R$; R^2 is lower alkyl substituted by halogen; R^3 is hydrogen, methyl or aryl; R is lower alkyl, cycloalkyl or aryl; and with their pharmaceutically acceptable acid addition salts. It has been found that this class of compounds show high affinity and selectivity for GABA A α5 receptor binding sites and might be useful as cognitive enhancer or for the treatment of cognitive disorders, anxiety, schizophrenia or Alzheimer's disease.